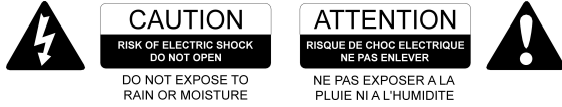


Accessory Power Supply User Guide

Important Safety Information

Please read carefully and keep the following instructions and safety information. Heed all warnings and follow all instructions.



- **Do not remove covers. There are no user-serviceable parts inside; please refer servicing to qualified service personnel.**
- **This equipment must be earthed.**
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Servicing is required when the apparatus has been damaged in any way, such as the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Regulatory Compliance

This product complies with both the EMC Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) as issued by the Commission of the European Community.

Compliance with these directives imply conformity with the following European standards:

- EN60065 Product safety
- EN55103-1 Electromagnetic Interference (Emission)
- EN55103-2 Electromagnetic Susceptibility (Immunity)

This product is intended for operation in the E2 (commercial & light industrial) and E3 (urban outdoors) Electromagnetic Environments.

Introduction / Key Features

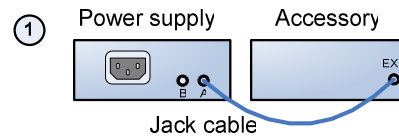
This product is intended to provide DC power for a range of Linea Research accessories. Housed in a convenient, rugged steel case, it can be used free-standing or, using the rack-mount kit, may be racked along with up to two companion accessory products, all in just 1U of rack-space.

- Can power one or two accessories
- Rugged steel enclosure
- Free-standing or rack-mount options

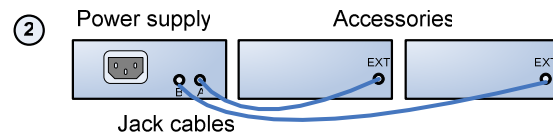
Connecting an Accessory

There are two DC outputs from this product, either of which may be used to power a compatible accessory. By using both outputs, two accessories may be powered simultaneously. No more than two accessories may be powered from one Power Supply.

Use one of the supplied jack cables (Linea Research part no. LD1047) to connect one of the Outputs to the EXT DC jack of the accessory, as shown in diagram 1.



Or connect two accessories using two jack cables as shown in diagram 2.



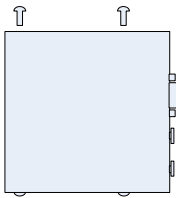
Racking

The BvNET Interface and Accessory Power Supply may be used free-standing. If you wish to mount them in a 19-inch rack, then the Accessory Mounting Kit (Linea Research part no. GA1034) may be used. To mount an Accessory in the Mounting Kit panel:

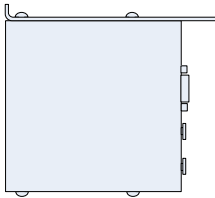
1. Remove the two mounting brackets and Lexan blanking sheet which are covering the aperture you wish to mount the Accessory in, by removing the two nuts. (Keep these and the screws and washers).



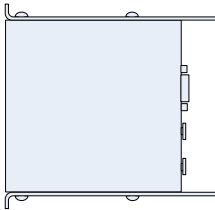
2. Remove the two screws from one side of the Accessory.



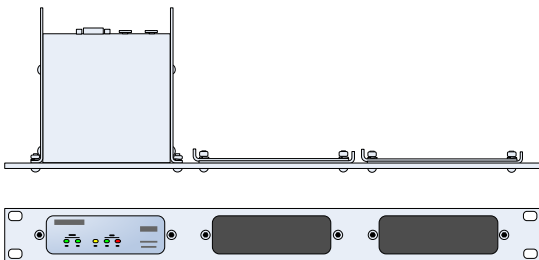
3. Using the two screws removed in 2, attach one mounting bracket loosely to the side of the Accessory, with the 'ear' towards the front, pointing outwards.



4. Repeat 2 and 3 for the other side. Now push the lid towards the back of the unit as far as it will go then align the bracket ears with the front edge of the lid. Now tighten the screws.



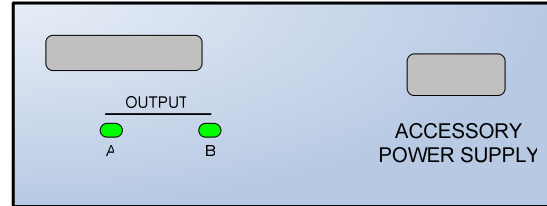
5. Offer the Accessory with its mounting brackets up to the reverse side of the Mounting Panel, and fix it in place using the two sets of screws, washers and nuts removed in 1.



Note that the holes at the rear ends of the brackets may be used as cable tie-off points if desired.

Operation

The Power Supply has one indicator for each output. These will both illuminate when the unit is operating correctly. If one of the indicators should fail to illuminate, this could mean that the output has been shorted. Check that the connections are made properly at each end of the jack lead, and that the cable has not become damaged.



Quick Start

- Connect a **jack lead** to the accessory
- Connect the **mains** supply

Technical Specifications

Mains

Input range	85V to 230V
Frequency	50Hz to 60Hz
Consumption	<20W
Connection	3 pole IEC

Output

Voltage	12v DC nominal
Current	500mA max. per output
Connections	3,5mm Jack (tip +)

Environmental

Temperature	0 to +45°C
Humidity	0 to 80% RH (non-condensing)

Dimensions

Height	43mm
Width	115mm
Depth	115mm

Weight

500g